

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/758,397A
Source: Fw16
Date Processed by STIC: 9/21/05

ENTERED



IFW16

RAW SEQUENCE LISTING DATE: 09/21/2005
PATENT APPLICATION: US/10/758,397A TIME: 10:53:38

Input Set : A:\PTO.RJ.txt
Output Set: N:\CRF4\09212005\J758397A.raw

5 <110> APPLICANT: Cohen-Vered, et al., Sharon
9 <120> TITLE OF INVENTION: PARENTERAL FORMULATIONS OF PEPTIDES FOR THE TREATMENT OF
SYSTEMIC LUPUS
10 ERYTHEMATOSUS
14 <130> FILE REFERENCE: 2609/68811-A
18 <140> CURRENT APPLICATION NUMBER: 10/758,397A
20 <141> CURRENT FILING DATE: 2004-01-14
24 <160> NUMBER OF SEQ ID NOS: 18
28 <170> SOFTWARE: PatentIn version 3.1
32 <210> SEQ ID NO: 1
34 <211> LENGTH: 20
36 <212> TYPE: PRT
38 <213> ORGANISM: Artificial Sequence
42 <220> FEATURE:
44 <223> OTHER INFORMATION: Synthetic peptide based on CDR of mouse autoantibody
46 <400> SEQUENCE: 1
48 Thr Gly Tyr Tyr Met Gln Trp Val Lys Gln Ser Pro Glu Lys Ser Leu
49 1 5 10 15
52 Glu Trp Ile Gly
53 20
56 <210> SEQ ID NO: 2
58 <211> LENGTH: 20
60 <212> TYPE: PRT
62 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:
68 <223> OTHER INFORMATION: Synthetic peptide based on CDR of mouse autoantibody
70 <400> SEQUENCE: 2
72 Glu Ile Asn Pro Ser Thr Gly Gly Thr Thr Tyr Asn Gln Lys Phe Lys
73 1 5 10 15
76 Ala Lys Ala Thr
77 20
80 <210> SEQ ID NO: 3
82 <211> LENGTH: 20
84 <212> TYPE: PRT
86 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
92 <223> OTHER INFORMATION: Synthetic peptide based on CDR of mouse autoantibody
94 <400> SEQUENCE: 3
96 Tyr Tyr Cys Ala Arg Phe Leu Trp Glu Pro Tyr Ala Met Asp Tyr Trp
97 1 5 10 15
100 Gly Gln Gly Ser
101 20
104 <210> SEQ ID NO: 4
106 <211> LENGTH: 19

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108 <212> TYPE: PRT
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114 <220> FEATURE:
116 <223> OTHER INFORMATION: Synthetic peptide based on CDR of mouse autoantibody
118 <400> SEQUENCE: 4
120 Gly Tyr Asn Met Asn Trp Val Lys Gln Ser His Gly Lys Ser Leu Glu
121 1 5 10 15
124 Trp Ile Gly
128 <210> SEQ ID NO: 5
130 <211> LENGTH: 17
132 <212> TYPE: PRT
134 <213> ORGANISM: Artificial Sequence
138 <220> FEATURE:
140 <223> OTHER INFORMATION: Synthetic peptide based on CDR of mouse autoantibody
142 <400> SEQUENCE: 5
144 Tyr Tyr Cys Ala Arg Ser Gly Arg Tyr Gly Asn Tyr Trp Gly Gln Thr
145 1 5 10 15
148 Leu
152 <210> SEQ ID NO: 6
154 <211> LENGTH: 19
156 <212> TYPE: PRT
158 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
164 <223> OTHER INFORMATION: Synthetic peptide based on CDR of mouse autoantibody
166 <400> SEQUENCE: 6
168 Gly Tyr Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Glu Glu
169 1 5 10 15
172 Trp Ile Gly
176 <210> SEQ ID NO: 7
178 <211> LENGTH: 22
180 <212> TYPE: PRT
182 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
188 <223> OTHER INFORMATION: Synthetic peptide based on CDR of mouse autoantibody
190 <400> SEQUENCE: 7
192 Tyr Tyr Cys Ala Arg Gly Leu Leu Arg Gly Gly Trp Asn Asp Val Asp
193 1 5 10 15
196 Tyr Tyr Gly Met Asp Val
197 20
200 <210> SEQ ID NO: 8
202 <211> LENGTH: 7
204 <212> TYPE: PRT
206 <213> ORGANISM: Artificial Sequence
210 <220> FEATURE:
212 <223> OTHER INFORMATION: Synthetic peptide based on CDR of mouse autoantibody
214 <400> SEQUENCE: 8
216 Phe Ser Gly Tyr Tyr Trp Ser
217 1 5
220 <210> SEQ ID NO: 9

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Input Set : A:\PTO.RJ.txt

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222 <211> LENGTH: 16
 224 <212> TYPE: PRT
 226 <213> ORGANISM: Artificial Sequence
 230 <220> FEATURE:
 232 <223> OTHER INFORMATION: Synthetic peptide based on CDR of mouse autoantibody
 234 <400> SEQUENCE: 9
 236 Glu Ile Asn His Ser Gly Ser Thr Asn Tyr Lys Thr Ser Leu Lys Ser
 237 1 5 10 15
 240 <210> SEQ ID NO: 10
 242 <211> LENGTH: 18
 244 <212> TYPE: PRT
 246 <213> ORGANISM: Artificial Sequence
 250 <220> FEATURE:
 252 <223> OTHER INFORMATION: Synthetic peptide based on CDR of mouse autoantibody
 254 <400> SEQUENCE: 10
 256 Gly Leu Leu Arg Gly Gly Trp Asn Asp Val Asp Tyr Tyr Tyr Gly Met
 257 1 5 10 15
 260 Asp Val
 264 <210> SEQ ID NO: 11
 266 <211> LENGTH: 20
 268 <212> TYPE: PRT
 270 <213> ORGANISM: Artificial Sequence
 274 <220> FEATURE:
 276 <223> OTHER INFORMATION: Synthetic peptide based on CDR of mouse autoantibody
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 280 <221> NAME/KEY: MISC_FEATURE
 282 <222> LOCATION: (5)..(5)
 284 <223> OTHER INFORMATION: X= Met, Ala or Val
 288 <220> FEATURE:
 290 <221> NAME/KEY: MISC_FEATURE
 292 <222> LOCATION: (6)..(6)
 294 <223> OTHER INFORMATION: X= Gln, Asp, Glu or Arg
 298 <220> FEATURE:
 300 <221> NAME/KEY: MISC_FEATURE
 302 <222> LOCATION: (7)..(7)
 304 <223> OTHER INFORMATION: X= Trp or Ala
 308 <220> FEATURE:
 310 <221> NAME/KEY: MISC_FEATURE
 312 <222> LOCATION: (8)..(8)
 314 <223> OTHER INFORMATION: X= Val or Ser
 318 <220> FEATURE:
 320 <221> NAME/KEY: MISC_FEATURE
 322 <222> LOCATION: (9)..(9)
 324 <223> OTHER INFORMATION: X= Lys, Glu or Ala
 328 <400> SEQUENCE: 11
 W--> 330 Thr Gly Tyr Tyr Xaa Xaa Xaa Xaa Xaa Gln Ser Pro Glu Lys Ser Leu
 331 1 5 10 15
 334 Glu Trp Ile Gly
 335 20

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Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\09212005\J758397A.raw

338 <210> SEQ ID NO: 12
 340 <211> LENGTH: 20
 342 <212> TYPE: PRT
 344 <213> ORGANISM: Artificial Sequence
 348 <220> FEATURE:
 350 <223> OTHER INFORMATION: Synthetic peptide based on CDR of mouse autoantibody
 352 <220> FEATURE:
 354 <221> NAME/KEY: MISC_FEATURE
 356 <222> LOCATION: (9)..(9)
 358 <223> OTHER INFORMATION: X= Thr, Val or Ala
 362 <220> FEATURE:
 364 <221> NAME/KEY: MISC_FEATURE
 366 <222> LOCATION: (10)..(10)
 368 <223> OTHER INFORMATION: X= Thr, Val or Ala
 372 <220> FEATURE:
 374 <221> NAME/KEY: MISC_FEATURE
 376 <222> LOCATION: (11)..(11)
 378 <223> OTHER INFORMATION: X= Tyr or Phe
 382 <220> FEATURE:
 384 <221> NAME/KEY: MISC_FEATURE
 386 <222> LOCATION: (12)..(12)
 388 <223> OTHER INFORMATION: X= Asn or Asp
 392 <220> FEATURE:
 394 <221> NAME/KEY: MISC_FEATURE
 396 <222> LOCATION: (13)..(13)
 398 <223> OTHER INFORMATION: X =Gln or Glu
 402 <220> FEATURE:
 404 <221> NAME/KEY: MISC_FEATURE
 406 <222> LOCATION: (14)..(14)
 408 <223> OTHER INFORMATION: X= Lys or Glu
 412 <220> FEATURE:
 414 <221> NAME/KEY: MISC_FEATURE
 416 <222> LOCATION: (15)..(15)
 418 <223> OTHER INFORMATION: X= Phe or Tyr
 422 <400> SEQUENCE: 12

W--> 424 Glu Ile Asn Pro Ser Thr Gly Gly Xaa Xaa Xaa Xaa Xaa Xaa Lys

425 1 5 10 15

428 Ala Lys Ala Thr

429 20

432 <210> SEQ ID NO: 13

434 <211> LENGTH: 20

436 <212> TYPE: PRT

438 <213> ORGANISM: Artificial Sequence

442 <220> FEATURE:

444 <223> OTHER INFORMATION: Synthetic peptide based on CDR of mouse autoantibody

446 <220> FEATURE:

448 <221> NAME/KEY: MISC_FEATURE

450 <222> LOCATION: (6)..(6)

452 <223> OTHER INFORMATION: X= Phe, Thr or Gly

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456 <220> FEATURE:
458 <221> NAME/KEY: MISC_FEATURE
460 <222> LOCATION: (7)..(7)
462 <223> OTHER INFORMATION: X= Leu, Ala or Ser
466 <220> FEATURE:
468 <221> NAME/KEY: MISC_FEATURE
470 <222> LOCATION: (8)..(8)
472 <223> OTHER INFORMATION: X= Trp or Ala
476 <220> FEATURE:
478 <221> NAME/KEY: MISC_FEATURE
480 <222> LOCATION: (9)..(9)
482 <223> OTHER INFORMATION: X= Glu or Lys
486 <220> FEATURE:
488 <221> NAME/KEY: MISC_FEATURE
490 <222> LOCATION: (13)..(13)
492 <223> OTHER INFORMATION: X= Met or Ala
496 <220> FEATURE:
498 <221> NAME/KEY: MISC_FEATURE
500 <222> LOCATION: (14)..(14)
502 <223> OTHER INFORMATION: X= Asp, Lys or Ser
506 <400> SEQUENCE: 13
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      1           5           10          15
512 Gly Gln Gly Ser
513          20
516 <210> SEQ ID NO: 14
518 <211> LENGTH: 19
520 <212> TYPE: PRT
522 <213> ORGANISM: Artificial Sequence
526 <220> FEATURE:
528 <223> OTHER INFORMATION: Synthetic peptide based on CDR of mouse autoantibody
530 <220> FEATURE:
532 <221> NAME/KEY: MISC_FEATURE
534 <222> LOCATION: (4)..(4)
536 <223> OTHER INFORMATION: X= Met or Ala
540 <220> FEATURE:
542 <221> NAME/KEY: MISC_FEATURE
544 <222> LOCATION: (5)..(5)
546 <223> OTHER INFORMATION: X= Asn, Asp or Arg
550 <220> FEATURE:
552 <221> NAME/KEY: MISC_FEATURE
554 <222> LOCATION: (6)..(6)
556 <223> OTHER INFORMATION: X= Trp or Ala
560 <220> FEATURE:
562 <221> NAME/KEY: MISC_FEATURE
564 <222> LOCATION: (7)..(7)
566 <223> OTHER INFORMATION: X= Val or Ser
570 <220> FEATURE:
572 <221> NAME/KEY: MISC_FEATURE

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 09/21/2005
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:11; Xaa Pos. 5,6,7,8,9
Seq#:12; Xaa Pos. 9,10,11,12,13,14,15
Seq#:13; Xaa Pos. 6,7,8,9,13,14
Seq#:14; Xaa Pos. 4,5,6,7,8,9,13,14
Seq#:15; Xaa Pos. 6,7,8,11,12,13
Seq#:16; Xaa Pos. 1,8,10,12,13,15
Seq#:17; Xaa Pos. 6,9,10,11,12,13,18,20

VERIFICATION SUMMARY

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Input Set : A:\PTO.RJ.txt

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L:330 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:424 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:508 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:612 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:696 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:780 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:884 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
M:341 Repeated in SeqNo=17